

Please Start Here

- The following slides have been developed by Strategic Earth to help support the California Dungeness Crab Fishing Gear Working Group (Working Group) during their upcoming conference call on September 26, 2019.
- The information outlined is an attempt to summarize discussions had by the Working Group to date, specifically focused on implementing management measures.
- This information is not intended to be directive or suggest any specific outcome, but rather is aimed to serve as a resource to help the Working Group prepare for a constructive and productive discussion during this upcoming meeting.

For more information about the Working Group's activities, visit:

<http://www.opc.ca.gov/whale-entanglement-working-group/> or contact info@cawhalegroup.com.

RAMP Management Phases

- **RAMP 1.0: 2019-20 season**
 - Settlement requirements in play
- **RAMP 1.1: 2020-21 season**
 - RAMP rulemaking in play
 - In place until Conservation Plan is approved by NOAA (++ years)
- **RAMP 1.2: TBD**
 - Yet to be defined, as determined by NOAA
 - 3-year review/assessment cycle as defined by the MMPA

2019-20 Management Recommendations

Key Information - Recommendations Form

- Available information
 - Rationale
- Identified risk(s) and severity
 - Quantification of risks, related information
- Management recommendation(s)
 - Action
 - Location
 - Timing
 - Triggers for relaxing measure(s)
- Alternatives

Draft form available [here](#).

2019-20 Management Measures

- % line reduction
- Time/area closure
- Depth restriction

Gear modifications

- Not a management measure during 2019-20 season

2019-20 Management Recommendations

% reduction

- Start season with x% reduction
- During season, reduce gear in water by x%

Implementation

- Hand in tags to CDFW?
- How to determine how long to implement?
 - Monitoring by whom?
- How to enforce
 - Need different colored tags (2-3 colors)
- How are tags returned?
- Differences start of season vs in-season for above steps?

2019-20 Management Recommendations

Time/area closure

- Start season with area closed
- During season, close area
- As targeted in time and space as possible
 - Lat/long, landmarks (on charts), Districts, Management Areas, statewide

2019-20 Management Recommendations

Time/area closure implementation

- Start of season
 - Closure: no gear needs to be moved, area(s) avoided
 - Re-opening: WG has discussed re-opening, using similar process to opening start of season during elevated levels of domoic acid or quality delays
- During season
 - Closure (before April 1): WG has discussed giving 2 weeks to give fishermen time to remove gear
 - Informed by Oregon, domoic acid
 - Learning during April 2019 closure
 - How late can we sell crab?
 - Re-opening (before x date?): WG has discussed re-opening, using similar process to opening start of season during elevated levels of domoic acid or quality delays

2019-20 Management Recommendations

Time/area closure implementation

- How to determine how long to implement?
- How to limit/avoid compaction?
- Transiting closed areas allowed?

2019-20 Management Recommendations

Depth restriction

- E.g., based on blue whale concentrations, recommend restricting fishing deeper/shallower from x way points

Implementation

- How much time to move gear out of a depth contour (between x and y points)?
- How to enforce?
 - Way points rather than depth contour lines
- How to determine how long to implement?
- How to limit/avoid compaction?

RAF Timing Considerations (from Working Group's August 2018 meeting)

The ET/WG should convene within 24 hours to one week depending on the urgency of the issue. Once the ET/WG is convened, the process to collect additional information and develop recommendation(s) should occur within 1-2 days or up to 1-2 weeks.

As time allows, the ET/WG would provide a draft recommendation to the full Working Group and allow them to review it for up to 72 hours before the recommendation is forwarded to the Director.

RAMP Regulations Timeline

2019

- May-Aug: preliminary WG scoping
- Sept-Dec: internal CDFW process, updates to WG

2020

- Jan/Feb: CDFW finalizes RAMP proposed regulations, 45-day public notice
- Late Mar: public hearing
- Apr-May: CDFW incorporate revisions, 45-day supplemental notice
- June: CDFW to finalize documents
- July: CDFW submit to OAL, 30-day review
- Aug: OAL submit to Secretary of State
- Oct 1: Quarterly effective data